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United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

**Veterinary
Services**

Hyattsville, Md.

5

Veterinary Biological Products

Licensees and Permittees

January 1986

7603805



INTRODUCTION

This semiannual publication lists all licensed establishments, licensees, and permittees, with their subsidiaries and divisions, as well as the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment license number.

The listing of licensed establishments by number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

The index of product components lists by page number where each antigenic fraction is listed. The fraction reference may appear in more than one section; for example, canine distemper appears in vaccines, antiserums, and vaccines with bacterin/toxoids, and diagnostics.

Under the alphabetical listing of licensed biological products, the principal parts of the true name are underlined, and each product is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphameric system used for product codes provides for a six-digit number or number-letter combination to be assigned to each product, i.e., the first digit denotes product types; second and third, grouping by agents; fourth, the viability of vaccines (live, killed, modified live, etc.); fifth, substrates; and sixth, miscellaneous variables.

Included in this issue is a section designated "Products for Further Manufacture." These products represent one or more biological fractions brought to a prescribed stage of production requiring further processing before becoming a completed or finished product.

True names for these products describe only the product licensed, such as "bulk harvest fluids," "inactivated culture," "purified antibody," etc. Product nomenclature such as "Bacterin" and "Vaccine" is used only for completed product.

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
A M BIO TECHNIQUES INC	292
ADVANCED GENETICS RESEARCH INSTITUTE	306
AFFILIATED LABORATORIES	225
AGRI LABORATORIES, LTD.	272
AGRIMART LABORATORIES	272
AGRION CORPORATION	213 306
AGRITECH SYSTEMS, INC.	313
AMBICO, INC.	281
AMERICAN HOME PRODUCTS CORPORATION	112 112A 112B 112C
AMERICAN SCIENTIFIC LABORATORIES	165A 165B
AMERICANA LABORATORIES, INC.	188
ANCHOR DIVISION	124
ANIMAL PRODUCTS DIVISION IMC	226
APPL TECHNOLOGIES & PHARMACEUTICALS INC.	310
BARRY LABORATORIES, INC.	283
BAYVET	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BIO VAC LABORATORIES, INC.	307
BIO-CEUTIC DIVISION	124
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240
BIOMED RESEARCH LABORATORIES, INC.	285
BIOVET PRODUCTS, INCORPORATED	276
BOEHRINGER INGELHEIM ANIMAL HEALTH, INC.	124
BURNS-BIOTEC LABORATORIES, INC.	165A 165B
CAMBRIDGE BIOSCIENCE CORP.	317

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
CENTER LABORATORIES	259
CEVA LABORATORIES, INC.	243 243A
COLORADO SERUM COMPANY	188
CONNAUGHT ANIMAL HEALTH	287
CONNAUGHT LABORATORIES (PERMITTEE)	296
CONNAUGHT LABORATORIES, INC.	287
CONTINENTAL ANIMAL HEALTH	165A 165B
CONTINENTAL PHARMACAL COMPANY	188
COOPERS ANIMAL HEALTH, INC.	107
COOPERS ANIMAL HEALTH, INC. (PERMITTEE)	311
CORN STATES LABORATORIES	301
CUSTOM BIOLOGICS, INC.	272
DARYL LABORATORIES INC.	299 299A
DEKALB AG RESEARCH, INC.	271
DELAWARE POULTRY LABORATORIES	226
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND SCIENTIFIC CO.	213
DOUGLAS INDUSTRIES, INC	165B
DURVET LABORATORIES	272
ELARS BIO-PHARMACEUTICALS, INC.	272
EM INDUSTRIES, INCORPORATED	259
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112 112A 112B 112C
FORT DODGE LABORATORIES, INC. (IOWA)	112
FORT DODGE LABORATORIES, INC. (TEXAS)	112C

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
FRANKLIN LABORATORIES, INC.	112 112A 112B 112C
FROMM LABORATORIES, INC.	195 195A
GRAND LABORATORIES INC.	303
GREENBRIAR VETERINARY SERVICES, INC	297
GREER LABORATORIES, INC.	294
HARLAN SPRAGUE DAWLEY, INC.	245
HOLLISTER-STIER	52A
IMMUNO LABS, INC.	272
INTERNATIONAL MINERAL & CHEMICAL CORP.	226
INTERNATIONAL, INC.	188
INTERVET AMERICA INC.	286
JOHNSON & JOHNSON	264
KEEVET LABORATORIES	280 280A
KUNZ-TEBBIT LABORATORIES	277
LAKE IMMUNOGENICS, INC.	318
LONG ISLAND DUCK RESEARCH COOP., INC.	268
MAINE BIOLOGICAL LABORATORIES, INC.	240
MALLINCKRODT, INC.	295 295A
MED-TECH VETERINARIAN PRODUCTS, INC.	272
MEDATZ INC.	196
MEDICO INDUSTRIES, INC.	272
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
MERIEUX LABORATORIES, INC.	298
METROPOLITAN MEDICAL COMPANY	188
MICHIGAN DEPT OF PUBLIC HEALTH	308

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
MICROBIOLOGICAL ASSOCIATES, INC.	299 299A
MILES LABORATORIES, INC.	52 52A 270
MILES PHARMACEUTICALS	270
MOLECULAR GENETICS, INC	284
MVP, INC.	301
NORDEN LABORATORIES	189
ORGANON TEKNIKA CORPORATION	293
OXFORD VETERINARY LABORATORIES, INC.	307
PET VACCINES	272
PITMAN-MOORE, INC.	264
PROFESSIONAL BIOLOGICAL COMPANY	188
RAGLAND RESEARCH, INC	289
RIBI IMMUNOCHEM RESEARCH, INC.	300
ROLYNN LABORATORIES, INC	165B
SALSBURY LABORATORIES, INC.	195 195A
SCHERING CORPORATION	165A 165B 165C
SCHERING VETERINARY	165A 165B
SCIENTIFIC LABORATORIES, INC.	188
SELECT LABORATORIES, INC.	279
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE BECKMAN CORPORATION	189
SOLVAY VETERINARY, INC.	195 195A
STERLING DRUG INC.	309
STERWIN LABORATORIES, INC.	226
SYNBIOTICS CORPORATION	312
SYNGENE PRODUCTS AND RESEARCH, INC.	272
TAVOLEK, INC.	264

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
TECH-INTERNATIONAL, INC.	272
TECHAMERICA DIAGNOSTICS	272A
TECHAMERICA GROUP, INC.	272 272A
TEXAS VET LAB INC	290
TRI-BIO LABORATORIES, INC.	275
UNITED VACCINES	245
UNIVERSAL LABORATORIES, INC.	188
UNIVERSITY LABORATORIES, INC.	291
VINELAND LABORATORIES	196
WHITTAKER M.A. BIOPRODUCTS, INC.	278
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112 112A 112B 112C
WYETH VETERINARY PRODUCTS, INC.	112 112A 112B 112C

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

MERCK & COMPANY, INC.

3

DIVISIONS:

MERCK CHEMICAL DIVISION

MERCK SHARP & DOHME INTERNATIONAL

MAIL: MERCK SHARP & DOHME
DIVISION OF MERCK & CO., INC.
WEST POINT, PA 19486

MILES LABORATORIES, INC.

52

DIVISIONS:

BAYVET

MAIL: BAYVET DIVISION
MILES LABORATORIES, INC.
P. O. BOX 390
SHAWNEE MISSION, KS 66201

MILES LABORATORIES, INC.

52A

DIVISIONS:

HOLLISTER-STIER

MAIL: HOLLISTER-STIER
DIV OF MILES LABORATORIES INC
P O BOX 3145
SPOKANE, WA 99220-3153

COOPERS ANIMAL HEALTH, INC.

107

MAIL: COOPERS ANIMAL HEALTH, INC.
2000 SOUTH 11TH STREET
KANSAS CITY, KS 66103

AMERICAN HOME PRODUCTS CORPORATION

112

SUBSIDIARIES:

WYETH VETERINARY PRODUCTS, INC.

WYETH INTERNATIONAL LIMITED

FRANKLIN LABORATORIES, INC.

FORT DODGE LABORATORIES, INC.

FORT DODGE LABORATORIES, INC. (IOWA)

MAIL: FORT DODGE LABORATORIES, INC.
FORT DODGE, IA 50501

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

AMERICAN HOME PRODUCTS CORPORATION	112A
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	FRANKLIN LABORATORIES, INC.
	P.O. BOX 669
	AMARILLO, TX 79105
AMERICAN HOME PRODUCTS CORPORATION	112B
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	WYETH LABORATORIES, INC.
	WASP & BIDDLE STREETS
	MARIETTA, PA 17547
AMERICAN HOME PRODUCTS CORPORATION	112C
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FORT DODGE LABORATORIES, INC. (TEXAS)	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	FORT DODGE LABORATORIES, INC.
	2114 SOUTH FIRST STREET
	TEMPLE, TX 76501
BOEHRINGER INGELHEIM ANIMAL HEALTH, INC.	124
DIVISIONS:	
BIO-CEUTIC DIVISION	
ANCHOR DIVISION	
MAIL:	BOEHRINGER INGELHEIM ANIMAL HLTH
	2621 NORTH BELT HIGHWAY
	ST. JOSEPH, MO 64502

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

SCHERING CORPORATION 165A
SUBSIDIARIES:

BURNS-BIOTEC LABORATORIES, INC.

DIVISIONS:

SCHERING VETERINARY

AMERICAN SCIENTIFIC LABORATORIES

CONTINENTAL ANIMAL HEALTH

MAIL: BURNS-BIOTEC LABORATORIES, INC.
P.O. BOX 3113
OMAHA, NE 68103 U.S.A.

SCHERING CORPORATION 165B
SUBSIDIARIES:

DOUGLAS INDUSTRIES, INC

ROLYNN LABORATORIES, INC

BURNS-BIOTEC LABORATORIES, INC.

DIVISIONS:

AMERICAN SCIENTIFIC LABORATORIES

CONTINENTAL ANIMAL HEALTH

SCHERING VETERINARY

MAIL: DOUGLAS INDUSTRIES, INC.
8906 ROSEHILL ROAD
LENEXA, KS 66215

SCHERING CORPORATION 165C
MAIL:

SCHERING CORPORATION

U.S. PHARMACEUTICAL PRODUCTS DIV

1011 MORRIS AVENUE BUILDING U-14

UNION, NJ 07083

COLORADO SERUM COMPANY 188
SUBSIDIARIES:

AMERICANA LABORATORIES, INC.

CONTINENTAL PHARMACAL COMPANY

DENVER COLORADO LABORATORIES, INC.

EMPIRE VETERINARY COMPANY

INTERNATIONAL, INC.

METROPOLITAN MEDICAL COMPANY

PROFESSIONAL BIOLOGICAL COMPANY

SCIENTIFIC LABORATORIES, INC.

UNIVERSAL LABORATORIES, INC.

MAIL: COLORADO SERUM COMPANY
4950 YORK STREET
DENVER, CO 80216

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
SMITHKLINE BECKMAN CORPORATION	189
SUBSIDIARIES:	
NORDEN LABORATORIES	
DIVISIONS:	
SMITHKLINE ANIMAL HEALTH PRODUCTS	
MAIL: NORDEN LABORATORIES	
P.O. BOX 80809	
LINCOLN, NE 68501	
 SALSBURY LABORATORIES, INC.	 195
SUBSIDIARIES:	
FROMM LABORATORIES, INC.	
SOLVAY VETERINARY, INC.	
MAIL: SALSBURY LABORATORIES, INC.	
2000 ROCKFORD ROAD	
CHARLES CITY, IA 50616	
 SALSBURY LABORATORIES, INC.	 195A
SUBSIDIARIES:	
FROMM LABORATORIES, INC.	
SOLVAY VETERINARY, INC.	
MAIL: FROMM LABORATORIES, INC.	
703 LAKE SHORE ROAD	
GRAFTON, WI 53024	
 MEDATZ INC.	 196
DIVISIONS:	
VINELAND LABORATORIES	
MAIL: VINELAND LABORATORIES	
2285 EAST LANDIS AVENUE	
VINELAND, NJ 08360	
 AGRION CORPORATION	 213
SUBSIDIARIES:	
DIAMOND SCIENTIFIC CO.	
MAIL: DIAMOND SCIENTIFIC CO.	
P O BOX 328	
DES MOINES, IA 50302	

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

BEECHAM, INC.	225
SUBSIDIARIES:	
AFFILIATED LABORATORIES	
DIVISIONS:	
BEECHAM LABORATORIES	
MAIL:	BEECHAM LABORATORIES
	P.O. BOX 221
	WHITE HALL, IL 62092
INTERNATIONAL MINERAL & CHEMICAL CORP.	226
SUBSIDIARIES:	
STERWIN LABORATORIES, INC.	
DIVISIONS:	
DELAWARE POULTRY LABORATORIES	
ANIMAL PRODUCTS DIVISION IMC	
MAIL:	STERWIN LABORATORIES, INC.
	P.O. BOX 537
	MILLSBORO, DE 19966
MAINE BIOLOGICAL LABORATORIES, INC.	240
SUBSIDIARIES:	
BIOLOGICS PRODUCTION, INC.	
MAIL:	MAINE BIOLOGICAL LABORATORIES
	P.O. BOX 255
	WATERVILLE, ME 04901
CEVA LABORATORIES, INC.	243
MAIL:	CEVA LABORATORIES, INC.
	P.O. BOX 6
	BERLIN, MD 21811
CEVA LABORATORIES, INC.	243A
MAIL:	CEVA LABORATORIES, INC.
	12300 SANTA FE DRIVE
	LENEXA, KS 66215
HARLAN SPRAGUE DAWLEY, INC.	245
DIVISIONS:	
UNITED VACCINES	
MAIL:	UNITED VACCINES
	2826 LATHAM DRIVE
	P O BOX 4220
	MADISON, WI 53711

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

EM INDUSTRIES, INCORPORATED	259
DIVISIONS:	
CENTER LABORATORIES	
MAIL: CENTER LABORATORIES	
35 CHANNEL DRIVE	
PORT WASHINGTON, NY 11050	
JOHNSON & JOHNSON	264
SUBSIDIARIES:	
PITMAN-MOORE, INC.	
DIVISIONS:	
TAVOLEK, INC.	
MAIL: PITMAN-MOORE, INC.	
P.O. BOX 344	
WASHINGTON CROSSING, NJ 08560	
LONG ISLAND DUCK RESEARCH COOP., INC.	268
MAIL: LONG ISLAND DUCK RESEARCH COOP.	
OLD COUNTRY ROAD	
P.O. BOX 217	
EASTPORT, NY 11941	
MILES LABORATORIES, INC.	270
DIVISIONS:	
MILES PHARMACEUTICALS	
MAIL: MILES PHARMACEUTICALS	
DIVISION OF MILES LABS, INC.	
400 MORGAN LANE	
WEST HAVEN, CT 06516	
DEKALB AG RESEARCH, INC.	271
MAIL: DEKALB AG RESEARCH, INC.	
SYCAMORE ROAD	
DEKALB, IL 60115	

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

TECHAMERICA GROUP, INC.

272

SUBSIDIARIES:

BIOLOGICS CORPORATION
AGRI LABORATORIES, LTD.
ELARS BIO-PHARMACEUTICALS, INC.
IMMUNO LABS, INC.
MEDICO INDUSTRIES, INC.
MED-TECH VETERINARIAN PRODUCTS, INC.
SYNGENE PRODUCTS AND RESEARCH, INC.
TECH-INTERNATIONAL, INC.

DIVISIONS:

AGRIMART LABORATORIES
CUSTOM BIOLOGICS, INC.
DELLEN LABORATORIES, INC.
DURVET LABORATORIES
PET VACCINES

MAIL: BIOLOGICS CORPORATION
2720 NORTH 84TH STREET
OMAHA, NE 68134

TECHAMERICA GROUP, INC.

272A

SUBSIDIARIES:

TECHAMERICA DIAGNOSTICS
MAIL: TECHAMERICA DIAGNOSTICS
P O BOX 338
15TH AND OAK STREETS
ELWOOD, KS 66024

TRI-BIO LABORATORIES, INC.

275

MAIL: TRI-BIO LABORATORIES, INC.
1400 FOX HILL ROAD
STATE COLLEGE, PA 16801

BIOVET PRODUCTS, INCORPORATED

276

MAIL: BIOVET PRODUCTS, INCORPORATED
13539 NORTH FLORIDA AVE SUITE 2
TAMPA, FL 33612

WILDLIFE VACCINES, INC.

277

SUBSIDIARIES:

KUNZ-TEBBIT LABORATORIES
MAIL: WILDLIFE VACCINES, INC.
11475 W. 48TH AVENUE
WHEAT RIDGE, CO 80033

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
WHITTAKER M.A. BIOPRODUCTS, INC. MAIL: WHITTAKER M.A. BIOPRODUCTS, INC. BUILDING 100 BIGGS FORD ROAD WALKERSVILLE, MD 21793	278
SELECT LABORATORIES, INC. MAIL: SELECT LABORATORIES, INC. P O DRAWER 2415 GAINESVILLE, GA 30501	279
KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202	280
KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P O BOX 907069 GAINESVILLE, GA 30501	280A
AMBICO, INC. MAIL: AMBICO, INC. ROUTE 2, P.O. BOX M DALLAS CENTER, IA 50063	281
BARRY LABORATORIES, INC. MAIL: BARRY LABORATORIES, INC. 461 NORTHEAST 27TH STREET POMPANO BEACH, FL 33064	283
MOLECULAR GENETICS, INC MAIL: MOLECULAR GENETICS, INC 10320 BREN ROAD EAST MINNETONKA, MN 55343	284
BIOMED RESEARCH LABORATORIES, INC. MAIL: BIOMED RESEARCH LABORATORIES, INC 1115 EAST PIKE STREET SEATTLE, WA 98122	285

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
INTERVET AMERICA INC. MAIL: INTERVET AMERICA INC. P.O. BOX 318 OLD LANDING ROAD MILLSBORO, DE 19966	286
CONNAUGHT LABORATORIES, INC. DIVISIONS: CONNAUGHT ANIMAL HEALTH MAIL: CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA 18370	287
RAGLAND RESEARCH, INC MAIL: RAGLAND RESEARCH, INC 119 ROWE ROAD ATHENS, GA 30601	289
TEXAS VET LAB INC MAIL: TEXAS VET LAB INC 1202 NORTH BELL STREET SAN ANGELO, TX, 76903	290
UNIVERSITY LABORATORIES, INC. MAIL: UNIVERSITY LABORATORIES, INC. 810 NORTH SECOND AVENUE HIGHLAND PARK, NJ 08904	291
A M BIO TECHNIQUES INC MAIL: A M BIO TECHNIQUES INC 212 EAST CENTRAL BELTON, TX 76513	292
ORGANON TEKNIKA CORPORATION MAIL: ORGANON TEKNIKA CORPORATION 5516 NICHOLSON LANE KENSINGTON, MD 20895	293
GREER LABORATORIES, INC. MAIL: GREER LABORATORIES INC P O BOX 800 LENOIR, NC 28645	294

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
MALLINCKRODT, INC.	295
MAIL: MALLINCKRODT, INC.	
P O BOX 5840	
675 MCDONNELL BLVD.	
ST LOUIS, MO 63134	
 MALLINCKRODT, INC.	 295A
MAIL: MALLINCKRODT, INC.	
P O BOX 5840	
675 MCDONNELL BLVD.	
ST LOUIS, MO 63134	
 CONNAUGHT LABORATORIES (PERMITTEE)	 296
MAIL: CONNAUGHT LABORATORIES	
SWIFTWATER, PA 18370	
 GREENBRIAR VETERINARY SERVICES, INC	 297
MAIL: G.V.S. INC	
6040 DUBLIN ROAD	
DELAWARE, OH 43015	
 MERIEUX LABORATORIES, INC.	 298
MAIL: MERIEUX LABORATORIES, INC.	
117 ROWE ROAD	
ATHENS, GA 30601	
 DARYL LABORATORIES INC.	 299
SUBSIDIARIES:	
MICROBIOLOGICAL ASSOCIATES, INC.	
MAIL: DARYL LABORATORIES INC.	
2220 MARTIN AVE.	
SANTA CLARA, CA 95050	
 DARYL LABORATORIES INC.	 299A
SUBSIDIARIES:	
MICROBIOLOGICAL ASSOCIATES, INC.	
MAIL: MICROBIOLOGICAL ASSOCIATES	
5221 RIVER ROAD	
BETHESDA, MD 20816	
 RIBI IMMUNOCHEM RESEARCH, INC.	 300
MAIL: RIBI IMMUNOCHEM RESEARCH, INC.	
P O BOX 1409	
HAMILTON, MT 59840	

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
MVP, INC.	301
DIVISIONS:	
MVP, INC.	
CORN STATES LABORATORIES	
MAIL: MVP, INC.	
5404 MILLER AVE.	
RALSTON, NE 68127	
 GRAND LABORATORIES INC.	 303
MAIL: GRAND LABORATORIES INC.	
LARCHWOOD, IA 51241	
 AGRION CORPORATION	 306
SUBSIDIARIES:	
ADVANCED GENETICS RESEARCH INSTITUTE	
MAIL: ADVANCED GENETICS RES INSTITUTE	
2220 LIVINGSTON STREET	
OAKLAND, CA 94606	
 BIO VAC LABORATORIES, INC.	 307
SUBSIDIARIES:	
OXFORD VETERINARY LABORATORIES, INC.	
MAIL: OXFORD VETERINARY LABORATORIES	
P O BOX 775	
WORTHINGTON, MN 56187	
 MICHIGAN DEPT OF PUBLIC HEALTH	 308
MAIL: MICHIGAN DEPT OF PUBLIC HEALTH	
3500 N. LOGAN STREET	
P O BOX 30035	
LANSING, MI 48909	
 STERLING DRUG INC.	 309
MAIL: STERLING DRUG INC.	
P O BOX 999	
OPELIKA, AL 36801	
 APPL TECHNOLOGIES & PHARMACEUTICALS INC.	 310
MAIL: APPL TECHNOL & PHARMACEUTICALS	
SUITE 110 NORTH	
430 10TH STREET	
ATLANTA, GA 30318	

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

COOPERS ANIMAL HEALTH, INC. (PERMITTEE)	311
MAIL: COOPERS ANIMAL HEALTH, INC.	
2000 SOUTH 11TH STREET	
KANSAS CITY, KS 66103	
 SYNBIOTICS CORPORATION	 312
MAIL: SYNBIOTICS CORPORATION	
11011 VIA FRONTERA	
SAN DIEGO, CA 92127	
 AGRITECH SYSTEMS, INC.	 313
MAIL: AGRITECH SYSTEMS, INC.	
58 FORE STREET	
PORTLAND, ME 04101	
 CAMBRIDGE BIOSCIENCE CORP.	 317
MAIL: CAMBRIDGE BIOSCIENCE CORP.	
35 SOUTH STREET	
HOPKINTON, MA 01748	
 LAKE IMMUNOGENICS, INC.	 318
MAIL: LAKE IMMUNOGENICS, INC.	
348 BERG ROAD	
ONTARIO, NY 14519	

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>ALCALIGENES FAECALIS VACCINE</u>				
1021.00	AVIRULENT LIVE CULTURE	165A			
	<u>ANAPLASMOSIS VACCINE</u>				
1005.50	KILLED	112			
	<u>ANTHRAX SPORE VACCINE</u>				
1011.00	LIVE CULTURE	52	107	188	
	<u>AUTOGENOUS VACCINE</u>				
1015.00		303			
1015.20		225	303		
	<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>				
1051.10	LIVE VIRUS	195	196		
1051.11	LIVE VIRUS	195	196	226	243
		286			
1055.10	KILLED VIRUS	240			
	<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u>				
10M1.10	LIVE VIRUS	165A	195	196	226
		243	286		
10M1.11	LIVE VIRUS	286			
	<u>AVIAN PARAINFLUENZA 3 VACCINE</u>				
10C5.10	KILLED VIRUS	240			

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>AVIAN PARAMYXOVIRUS VACCINE</u>		
1115.10	TYPE 1, KILLED VIRUS	240
<u>AVIAN REOVIRUS VACCINE</u>		
1045.00	KILLED VIRUS	196 240 286
1045.20	KILLED VIRUS	298
<u>BLUETONGUE VACCINE</u>		
1061.00	MODIFIED LIVE VIRUS	188
<u>BORDETELLA BRONCHISEPTICA VACCINE</u>		
1081.00	AVIRULENT LIVE CULTURE	165A 303
1081.01	AVIRULENT LIVE CULTURE	124
<u>BOVINE PARAINFLUENZA- RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1161.00	MODIFIED LIVE VIRUS	213
<u>BOVINE RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1091.00	MODIFIED LIVE VIRUS	213
1091.20	MODIFIED LIVE VIRUS	189
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.00	MODIFIED LIVE VIRUS	107 188 213 243A 264
1101.01	MODIFIED LIVE VIRUS	52 107
1101.20	MODIFIED LIVE VIRUS	107 124 189 243A 264 272

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1105.20	KILLED VIRUS	272			
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE</u>				
1121.00	MODIFIED LIVE VIRUS	107 188 213 225 243A 264			
1121.01	MODIFIED LIVE VIRUS	264			
1121.20	MODIFIED LIVE VIRUS	124 189 225 264 272			
1121.21	MODIFIED LIVE VIRUS	189 225			
1121.31	MODIFIED LIVE VIRUS	52 107			
1125.00	KILLED VIRUS	112			
1125.20	KILLED VIRUS	112			
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>				
1071.00	MODIFIED LIVE VIRUS	213			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE</u>				
1151.00	MODIFIED LIVE VIRUS	52 188 213 243A 264			
1151.01	MODIFIED LIVE VIRUS	243A			
1151.20	MODIFIED LIVE VIRUS	189 272			
1151.30	MODIFIED LIVE VIRUS	124			
1155.20	KILLED VIRUS	112 272			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE</u>				
1171.00	MODIFIED LIVE VIRUS	188	213	243A	264
1171.01	MODIFIED LIVE VIRUS	264			
1171.20	MODIFIED LIVE VIRUS	189	225	264	272
1171.30	MODIFIED LIVE VIRUS	52	124		
1175.20	KILLED VIRUS	112			
	<u>BOVINE RHINOTRACHEITIS VIRUS DIARRHEA- PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>				
1181.00	MODIFIED LIVE VIRUS	213			
	<u>BOVINE ROTA-CORONAVIRUS VACCINE</u>				
1931.20	MODIFIED LIVE VIRUS	189			
	<u>BOVINE VIRUS DIARRHEA VACCINE</u>				
1201.00	MODIFIED LIVE VIRUS	124 264	188	213	243A
1201.20	MODIFIED LIVE VIRUS	189	272		
1205.00	KILLED VIRUS	213			
1205.20	KILLED VIRUS	112	272		
	<u>BRONCHITIS VACCINE</u>				
1231.11	MASS TYPE,LIVE VIRUS	195 280A	196 286	226	240
1231.12	MASS TYPE,LIVE VIRUS	195 243	196 286	226	240
1231.14	MASS & CONN TYPES,LIVE VIRUS	195	243	279	286
1231.15	CONN TYPE,LIVE VIRUS	286			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1231.17	MASS & CONN TYPES,LIVE VIRUS	165A
1231.18	MASS TYPE,LIVE VIRUS	196 226 286
1231.19	JMK TYPE,LIVE VIRUS	195 286
1231.20	ARK TYPE,LIVE VIRUS	226 243 286
1232.10	MASS TYPE,LIVE VIRUS	279
1235.10	MASS TYPE,KILLED VIRUS	196 286
<u>BRUCELLA ABORTUS VACCINE</u>		
1251.00	STRAIN 19,LIVE CULTURE	107 188
1251.01	STRAIN 19,LIVE CULTURE	188
1251.02	STRAIN 19,LIVE CULTURE,REDUCED DOSE	107 188
<u>BURSAL DISEASE VACCINE</u>		
1271.00	LIVE VIRUS	165A 196 279 280A
1271.01	LIVE VIRUS	196 280A
1271.02	LIVE VIRUS	280A
1271.10	LIVE VIRUS	195 226 243
1271.12	LIVE VIRUS	195 226 286
1271.13	LIVE VIRUS,CELL ASSOCIATED	279
1272.00	LIVE VIRUS	279
1275.00	KILLED VIRUS	195 196 280A 286
1275.10	KILLED VIRUS	196 240 286
1275.11	KILLED VIRUS	240
<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>		
1288.42	LIVE VIRUS,LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	279

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1288.44	LIVE VIRUS, LIVE CHICKEN & TURKEY HERPESVIRUS, CELL ASSOCIATED, COMBINATION PACKAGE	2 / 9
	<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE</u>	
12G5.10	KILLED VIRUS	240 286
12G5.11	KILLED VIRUS	240
12G5.40	KILLED VIRUS	195 196 280A 286
	<u>BURSAL DISEASE-NEWCASTLE DISEASE-B1 TYPE LASOTA STRAIN</u>	
12G8.10	LIVE VIRUS	286
	<u>BURSAL DISEASE-NEWCASTLE-BRONCHITIS VACCINE</u>	
12J5.10	MASS TYPE, KILLED VIRUS	196 286
	<u>BURSAL DISEASE-NEWCASTLE-BRONCHITIS- REOVIRUS VACCINE</u>	
12M5.10	KILLED VIRUS	286
	<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE</u>	
1265.20	KILLED VIRUS	272
12T7.20	MODIFIED LIVE & KILLED VIRUS	272
	<u>CANINE CORONA-PARVOVIRUS VACCINE</u>	
14R1.20	MODIFIED LIVE VIRUS	112C

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE CORONAVIRUS VACCINE</u>		
14P1.20	MODIFIED LIVE VIRUS	112C
14P5.20	KILLED VIRUS	112 112C
<u>CANINE DISTEMPER VACCINE</u>		
1301.00	MODIFIED LIVE VIRUS	195A
1301.09	MODIFIED LIVE VIRUS	195A
1301.20	MODIFIED LIVE VIRUS	107 264
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE</u>		
13A1.20	MODIFIED LIVE VIRUS	189
13A1.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
1377.20	MODIFIED LIVE & KILLED VIRUS	272
1449.20	MODIFIED LIVE & KILLED VIRUS	272
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- MEASLES-PARAINFLUENZA VACCINE</u>		
1341.20	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE</u>		
13C1.20	MODIFIED LIVE VIRUS	107 189
13C1.30	MODIFIED LIVE VIRUS	195A

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
13D1.20	MODIFIED LIVE VIRUS	112 112C 189
13D1.30	MODIFIED LIVE VIRUS	195A
13D1.31	MODIFIED LIVE VIRUS	195A
13D9.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	189
13D9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
13D9.30	MODIFIED LIVE & KILLED VIRUS	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARVOVIRUS VACCINE</u>		
1331.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPER-HEPATITIS VACCINE</u>		
1311.00	MODIFIED LIVE VIRUS	112 243A
1311.20	MODIFIED LIVE VIRUS	107 112C 124 225 264 272
1311.30	MODIFIED LIVE VIRUS	195A 225
1311.40	MODIFIED LIVE VIRUS	188
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE</u>		
1381.00	MODIFIED LIVE VIRUS	243A
1381.20	MODIFIED LIVE VIRUS	107 112C 124 225 264 272
1381.21	MODIFIED LIVE VIRUS	124
1381.30	MODIFIED LIVE VIRUS	195A 225
1389.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA- PARVOVIRUS VACCINE</u>	
1401.20	MODIFIED LIVE VIRUS	112C 225 264
1401.23	MODIFIED LIVE VIRUS	264
1401.30	MODIFIED LIVE VIRUS	264
1409.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
	<u>CANINE DISTEMPER-MEASLES VACCINE</u>	
1351.20	MODIFIED LIVE VIRUS	189
	<u>CANINE DISTEMPER-MEASLES-PARAINFLUENZA VACCINE</u>	
13N1.20	MODIFIED LIVE VIRUS	189
	<u>CANINE PARAINFLUENZA VACCINE</u>	
1421.20	MODIFIED LIVE VIRUS	189 264 272
	<u>CANINE PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>	
14M1.00	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	165A
14M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	124
	<u>COCCIDIOSIS VACCINE</u>	
1431.50	LIVE OOCYSTS	226
1431.51	LIVE OOCYSTS	226

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
<u>DUCK VIRUS ENTERITIS VACCINE</u>					
1461.10	MODIFIED LIVE VIRUS	268			
<u>DUCK VIRUS HEPATITIS VACCINE</u>					
14B1.10	MODIFIED LIVE VIRUS	268			
<u>ENCEPHALOMYELITIS VACCINE</u>					
1475.00	EASTERN, WESTERN, KILLED VIRUS	52	107	112	188
1475.01	EASTERN, WESTERN, KILLED VIRUS	112			
1481.00	VENEZUELAN, MODIFIED LIVE VIRUS	107			
1485.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287			
1485.32	EASTERN, VENEZUELAN, KILLED VIRUS	107			
1485.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107			
<u>EQUINE ARTERITIS VACCINE</u>					
1531.20	MODIFIED LIVE VIRUS	112			
<u>EQUINE INFLUENZA VACCINE</u>					
1505.10	KILLED VIRUS	112	287		
1505.20	KILLED VIRUS	52			
<u>EQUINE RHINOPNEUMONITIS VACCINE</u>					
1521.20	MODIFIED LIVE VIRUS	189			
1525.20	KILLED VIRUS	112			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE</u>				
1541.00	AVIRULENT LIVE CULTURE	112	124	165A	189
	<u>FELINE LEUKEMIA VACCINE</u>				
1555.20	KILLED VIRUS	189			
	<u>FELINE PANLEUKOPENIA VACCINE</u>				
1561.00	MODIFIED LIVE VIRUS	264			
1561.01	MODIFIED LIVE VIRUS	225	264		
1561.20	MODIFIED LIVE VIRUS	124	189	195A	
1561.21	MODIFIED LIVE VIRUS	124	225	264	272
1565.00	KILLED VIRUS	225	243A	264	
1565.20	KILLED VIRUS	107	112	165B	189
		195A	225	264	272
	<u>FELINE PANLEUKOPENIA-RABIES VACCINE</u>				
1575.20	KILLED VIRUS	107			
1575.80	KILLED VIRUS	165B			
	<u>FELINE PNEUMONITIS VACCINE</u>				
1581.20	MODIFIED LIVE CHLAMYDIA	195A			
	<u>FELINE RHINOTRACHEITIS VACCINE</u>				
16A1.20	MODIFIED LIVE VIRUS	264			
	<u>FELINE RHINOTRACHEITIS-CALICI VACCINE</u>				
16C1.20	MODIFIED LIVE VIRUS	107	124	189	195A
		225	264	272	

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
16C1.30	MODIFIED LIVE VIRUS	225			
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA VACCINE</u>				
16D1.20	MODIFIED LIVE VIRUS	124	189	195A	
16D1.30	MODIFIED LIVE VIRUS	264			
16D5.20	KILLED VIRUS	112			
16D8.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	225	264	272
16D8.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	225	264		
16D9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 272	195A	225	264
16D9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	225	264		
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA-PNEUMONITIS VACCINE</u>				
16E1.20	MODIFIED LIVE VIRUS & CHLAMYDIA	195A			
16E9.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	195A			
16E9.90	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225			
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA-PNEUMONITIS-RABIES VACCINE</u>				
1610.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A			
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA-RABIES VACCINE</u>				
16T5.81	KILLED VIRUS	112			
16T9.20	MODIFIED LIVE & KILLED VIRUS	107	195A		

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS VACCINE</u>	
16F1.90	MODIFIED LIVE VIRUS & CHLAMYDIA	225
	<u>FELINE RHINOTRACHEITIS-PANLEUKOPENIA VACCINE</u>	
16B9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	264
	<u>FOWL LARYNGOTRACHEITIS VACCINE</u>	
1601.01	MODIFIED LIVE VIRUS	165A
1601.10	LIVE VIRUS	165A 196
1601.11	MODIFIED LIVE VIRUS	165A 195 196 226 243 286
1601.12	LIVE VIRUS	165A
1601.13	MODIFIED LIVE VIRUS	226
	<u>FOWL POX VACCINE</u>	
1621.00	LIVE VIRUS	165A 196 243 280A
1621.01	LIVE VIRUS	280A
1621.10	LIVE VIRUS	165A 195 196 226 243 286
1621.11	LIVE VIRUS	195
1622.00	LIVE VIRUS	279
	<u>FOWL POX-MAREK'S DISEASE VACCINE</u>	
1632.01	LIVE TURKEY HERPESVIRUS, LIVE VIRUS, COMBINATION PACKAGE	279

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>FOX ENCEPHALITIS VACCINE</u>					
1635.20	KILLED VIRUS	245			
<u>MAREK'S DISEASE VACCINE</u>					
1631.00	LIVE CHICKEN HERPESVIRUS	195 271	196 275	226 279	240 286
1641.00	LIVE TURKEY HERPESVIRUS,CELL ASSOCIATED	3 243 280A	195 271 286	196 275	226 279
1641.01	LIVE TURKEY HERPESVIRUS,CELL FREE	3 226 279	165A 243 280A	195 271	196 275
1641.04	LIVE TURKEY HERPESVIRUS,CELL FREE	3			
1651.00	LIVE CHICKEN & TURKEY HERPESVIRUS, COMBINATION PACKAGE	195 279	196 286	226	271
<u>MEASLES VACCINE</u>					
1661.20	MODIFIED LIVE VIRUS	124			
<u>MINK DISTEMPER VACCINE</u>					
1451.00	MODIFIED LIVE VIRUS	165A 245			
1451.01	MODIFIED LIVE VIRUS	165A 245			
<u>MINK ENTERITIS VACCINE</u>					
1685.00	KILLED VIRUS	165A 245			
1685.20	KILLED VIRUS	245			
<u>NEWCASTLE DISEASE VACCINE</u>					
1705.10	KILLED VIRUS	196	280A	286	
1705.11	KILLED VIRUS	195	240		

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	165A 240 286	195 243	196 279	226 280A
1721.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	165A 240	195 243	196 280A	226 286
1721.11	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	226	279	286	
1723.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	279			
1731.10	ROAKIN TYPE,LIVE VIRUS	240			
17A2.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	279			
<u>NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE</u>					
1745.10	KILLED VIRUS	240			
<u>NEWCASTLE-BRONCHITIS VACCINE</u>					
1761.10	B1 TYPE,B1 STRAIN,FLORIDA TYPE,LIVE VIRUS	196			
1761.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 243	196 279	226 280A	240 286
1761.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 243	196 286	226	240
1761.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	165A 279	195 286	196	243
1761.14	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	195 286	226	243	279
1761.16	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	226	279		
1761.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	196	243	286
1761.18	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196	226		
1761.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	226	243		
1761.1A	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS,	286			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1761.1B	B1 TYPE,B1 STRAIN,MASS & FLORIDA TYPES, LIVE VIRUS	196			
1761.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	243			
1761.1M	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	243			
1762.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279			
1762.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196			
1762.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279			
1762.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1762.1A	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	279			
1762.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1771.11	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	195 280A	196 286	240	279
1771.12	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	165A	195	243	286
1771.13	B1 TYPE,LASOTA STRAIN,CONN TYPE, LIVE VIRUS	286			
1771.14	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES, LIVE VIRUS	226	243	286	
1771.17	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	243	286	
1771.18	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	196	226		
1771.19	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	226	243		
1773.10	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279			
1775.10	MASS TYPE,KILLED VIRUS	196	286		
1791.14	B1 TYPE,B1 STRAIN,MASS TYPE & CONN TYPE, LIVE VIRUS	286			
1791.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	286			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
17A1.1A	B1 TYPE, B1 STRAIN, ARK TYPE, LIVE VIRUS	286
17A1.1M	B1 TYPE, B1 STRAIN, MASS & ARKANSAS TYPES, LIVE VIRUS	165A 195 196 226 243 279 286
17A2.1M	B1 TYPE, B1 STRAIN, MASS & ARKANSAS TYPES, LIVE VIRUS	279
17A3.1M	B1 TYPE, B1 STRAIN, MASS & ARKANSAS TYPES, LIVE VIRUS	240 279
<u>OVINE ECTHYMA VACCINE</u>		
1821.00	LIVE VIRUS	188
1821.50	LIVE VIRUS	52
<u>PARAINFLUENZA 3 VACCINE</u>		
1841.00	MODIFIED LIVE VIRUS	107 188
1841.20	MODIFIED LIVE VIRUS	107 189
<u>PARVOVIRUS VACCINE</u>		
18M1.00	MODIFIED LIVE VIRUS	264
18M1.20	MODIFIED LIVE VIRUS	112 112C 124 189 195A 225 243A 264 272 292
18M1.21	MODIFIED LIVE VIRUS	189 195A 264
18M5.20	KILLED VIRUS	107 195A 272
18M5.21	KILLED VIRUS	189 195A
18P5.00	KILLED VIRUS	124 195
18P5.20	KILLED VIRUS	52 124 189 225 264

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE N^{OS}. OF PRODUCERS</u>
<u>PASTEURELLA HAEMOLYTICA VACCINE</u>		
1851.00	AVIRULENT LIVE CULTURE	189 280A
<u>PASTEURELLA MULTOCIDA VACCINE</u>		
1871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165A 195A 196 280
1871.02	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165A 196
1871.03	AVIRULENT LIVE CULTURE	165A
1871.05	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	196
1871.06	AVIRULENT LIVE CULTURE, BOVINE ISOLATES	189
<u>PIGEON POX VACCINE</u>		
1881.10	LIVE VIRUS	165A 196 226 243 286
1881.11	LIVE VIRUS	196
<u>PORCINE ROTAVIRUS VACCINE</u>		
19E1.20	MODIFIED LIVE VIRUS	281
<u>PORCINE ROTAVIRUS- TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
19H1.20	MODIFIED LIVE VIRUS	281
<u>PSEUDORABIES VACCINE</u>		
1891.20	MODIFIED LIVE VIRUS	124 189 264
1895.00	KILLED VIRUS	195
1895.20	KILLED VIRUS	52 189 225

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>RABIES VACCINE</u>					
1901.03	MODIFIED LIVE VIRUS,HIGH CELL PASSAGE, SAD STRAIN	124	264		
1901.22	MODIFIED LIVE VIRUS,HIGH EGG PASSAGE, FLURY STRAIN	189			
1905.20	KILLED VIRUS	107 225	112C 264	189 298	195A
1905.21	KILLED VIRUS	107	189	195A	298
1905.51	KILLED VIRUS	112	165B		
1905.55	KILLED VIRUS	112	165B	277	
<u>SENDAI VACCINE</u>					
19M5.10	KILLED VIRUS	278			
<u>STREPTOCOCCUS GROUP E VACCINE</u>					
1941.00	AVIRULENT LIVE CULTURE	112			
<u>TENOSYNOVITIS VACCINE</u>					
1951.01	MODIFIED LIVE VIRUS	165A 286	195	196	243
1951.02	MODIFIED LIVE VIRUS,TISSUE CULTURE ORIGIN	243			
1951.10	LIVE VIRUS	226			
1951.11	MODIFIED LIVE VIRUS	195			
1955.00	KILLED VIRUS	280			
<u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u>					
1961.00	MODIFIED LIVE VIRUS	213			
1961.20	MODIFIED LIVE VIRUS	112	281		

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>VESICULAR STOMATITIS VACCINE</u>	
1975.00	KILLED VIRUS	188
1975.20	KILLED VIRUS	124 189 213 306
	<u>WART VACCINE</u>	
1985.50	KILLED VIRUS	52 112 112A 188 213 243A

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>AEROMONAS SALMONICIDA BACTERIN</u>				
2035.00		277	296		
	<u>AEROMONAS SALMONICIDA-ENTERIC REDMOUTH BACTERIN</u>				
2036.00		277			
	<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM BACTERIN</u>				
2037.00		277			
	<u>AUTOGENOUS BACTERIN</u>				
2051.00		112	188	195	196
		225	240	245	277
		285	301	303	307
	<u>BACTEROIDES NODOSUS BACTERIN</u>				
2080.00		311			
	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>				
2100.00		165A	189	195	225
		264	272		
2100.01		189	264	272	
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>				
2103.00		189	195	272	

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-ESCHERICHIA COLI-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	
2106.00		195
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-HAEMOPHILUS</u> <u>PLEUROPNEUMONIAE BACTERIN</u>	
2105.00		189
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-HAEMOPHILUS</u> <u>PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	
2107.00		189
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	
2101.00		165A 189 195 264 272
2101.01		264
	<u>BORDETELLA BRONCHISEPTICA-</u> <u>ESCHERICHIA COLI BACTERIN</u>	
2112.00		243A 264
2112.01		264
	<u>BORDETELLA BRONCHISEPTICA-</u> <u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	
2116.00		165A

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>BORDETELLA BRONCHISEPTICA-LEPTOSPIRA</u> <u>CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>				
2104.00		189			
	<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA</u> <u>MULTOCIDA BACTERIN</u>				
2108.00		165A 189 195 225			
		243A 272 281			
2108.01		264			
	<u>CAMPYLOBACTER FETUS BACTERIN</u>				
2861.00	OVINE ISOLATES	188			
2862.00	BOVINE ISOLATES	52 112A 124 165A			
		225 272			
2862.10	BOVINE ISOLATES	112 188 189			
	<u>CAMPYLOBACTER FETUS-CHLAMYDIA PSITTACI</u> <u>BACTERIN</u>				
2119.00		188			
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA BACTERIN</u>				
2863.00		52 124 188 189			
		195A 225 272			
2863.10		112			
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA-CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA CLOSTRIDIUM HAEMOLYTICA BACTERIN</u>				
2864.00		52			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA-</u> <u>GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>				
2869.10		112			
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA POMONA</u> <u>BACTERIN</u>				
2865.00		52 225	112A	124	189
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>				
2401.00		52 213	112A	124	188
2401.01		124	188		
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
2460.00		52 213	112A	124	188
2460.01		188			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA</u> <u>MULTOCIDA BACTERIN</u>				
2461.00		188			
	<u>CLOSTRIDIUM HAEMOLYTICUM BACTERIN</u>				
2465.00		52 225	112A	124	188
2465.01		213			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CORYNEBACTERIUM PYOGENES-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-STREPTOCOCCUS EQUISIMILUS</u> <u>BACTERIN</u>	
2600.00		276
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
2633.00		52 112
	<u>ENTERIC REDMOUTH BACTERIN</u>	
2638.00		264 277 285 296
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>	
2641.00		52 107 112A 124 165A 188 189 195 195A 196 213 243A 264 272
2641.01		188
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-HAEMOPHILUS</u> <u>PLEUROPNEUMONIAE BACTERIN</u>	
2640.00		189
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2642.00		189
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA</u> <u>MULTOCIDA BACTERIN</u>	
2645.00	PORCINE ISOLATES	124
2645.01	PORCINE ISOLATES	264

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2645.03	AVIAN ISOLATES, TYPES 1, 3 & 4	196
 <u>ESCHERICHIA COLI BACTERIN</u>		
2648.00		287
2648.01		213
2648.03		264
2648.04		189
2648.07		303
2648.08		195
2648.40		112 112A 225
2648.42		264
2648.43		165A
2648.44		195
2648.45		225
2648.46		196
2648.47		124
2648.48		225
2648.49		243A
2648.50		165A
2648.51		281
2648.52		243A
2648.54		225
2648.55		264
2648.58		165A
26R8.56		189

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ESCHERICHIA COLI-PASTEURELLA</u> <u>ANATIPSTIFER BACTERIN</u>	
2850.00		268
	<u>ESCHERICHIA COLI-PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN</u>	
2651.00		112 290
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-</u> <u>SALMONELLA CHOLERAESUIS BACTERIN</u>	
2650.00		112 225
	<u>HAEMOPHILUS GALLINARUM BACTERIN</u>	
2658.00		195
	<u>HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN</u>	
2657.00		189 225 301
	<u>HAEMOPHILUS SOMNUS BACTERIN</u>	
2659.00		124 225 272
	<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA BACTERIN</u>	
2663.00		124

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA-MORAXELLA BOVIS-VIBRIO FETUS</u> <u>BACTERIN</u>	
2670.00		124
	<u>HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
2660.00		124 225
	<u>HAEMOPHILUS SOMNUS-VIBRIO FETUS-</u> <u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2664.00		124
	<u>LEPTOSPIRA CANICOLA BACTERIN</u>	
2661.00		188
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2665.00		52 107 112 124 165A 188 195A 213 225 243A 264 272
2665.01		124 188 189 272
2665.02		189
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA-STAPHYLOCOCCUS</u> <u>AUREUS BACTERIN</u>	
2666.00		124

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2668.00		195A
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>	
2671.00		107 112 112C 124 188 189 195A 225 243A 264 272
2671.01		264
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE- POMONA BACTERIN</u>	
2673.00		213
	<u>LEPTOSPIRA GRIPPOTYPHOSA BACTERIN</u>	
2675.00		188
	<u>LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
2681.00		112 188 189 225 264 272
	<u>LEPTOSPIRA HARDJO BACTERIN</u>	
26M7.00		189
	<u>LEPTOSPIRA HARDJO-POMONA BACTERIN</u>	
2688.00		189

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>LEPTOSPIRA POMONA BACTERIN</u>				
2691.00		52	107	112	124
		188	189	213	225
		243A	264	272	
2691.01		188			
	<u>LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
2695.00		124			
	<u>MORAXELLA BOVIS BACTERIN</u>				
2772.00		165A	189		
	<u>MYCOBACTERIUM PARATUBERCULOSIS BACTERIN</u>				
2773.00		195A			
	<u>MYCOPLASMA GALLISEPTICUM BACTERIN</u>				
2774.00		195			
	<u>MYCOPLASMA SYNOVIAE BACTERIN</u>				
2776.00		195			
	<u>PASTEURELLA ANATIPESTIFER BACTERIN</u>				
2698.00		268			
	<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
2700.00		112	124	188	213
		225	243A	264	272

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN</u>	
2708.00		290
	<u>PASTEURELLA MULTOCIDA BACTERIN</u>	
2701.01	PORCINE ISOLATES	124 264 307
2701.22	BOVINE & PORCINE ISOLATES	188
2701.52	BOVINE & PORCINE ISOLATES	188
2702.13	AVIAN ISOLATES, TYPES 1, 3 & 4	195 196 240
	<u>PSEUDOMONAS AERUGINOSA BACTERIN</u>	
2735.00		165A
	<u>RAM EPIDIDYMITIS BACTERIN</u>	
2771.00		188
	<u>SALMONELLA CHOLERAESUIS BACTERIN</u>	
2781.00		225
	<u>SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN</u>	
2821.00		52 188
	<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>	
2852.00		124
	<u>STREPTOCOCCUS EQUI BACTERIN</u>	
2855.00		112

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>STREPTOCOCCUS EQUI BACTERIAL EXTRACT</u>	
2856.00		52 107
	<u>TREPONEMA HYODYSENTERIAE BACTERIN</u>	
2857.00		52
	<u>VIBRIO ANGUILLARUM BACTERIN</u>	
2858.01	BIVALENT CONCENTRATE	285
2858.02		264 277 285 296

ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI- PASTEURELLA HAEMOLYTICA-MULTOCIDA- SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3391.00	BOVINE ISOLATES & ORIGIN	188
	<u>CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI- PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3399.00	BOVINE ISOLATES & ORIGIN	124
3400.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	124
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA HAEMOLYTICA-MULTOCIDA ANTISERUM</u>	
3414.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA MULTOCIDA ANTISERUM</u>	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN, CONCENTRATE	188
	<u>DUCK VIRUS HEPATITIS YOLK ANTIBODY</u>	
3508.00		268
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE ANTISERUM</u>	
3511.00	EQUINE ORIGIN	124 188

ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ESCHERICHIA COLI MONOCLONAL ANTIBODY</u>	
3525.00		284
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3531.00	BOVINE ISOLATES & ORIGIN	188
	<u>NORMAL GLOBULIN CONCENTRATE</u>	
3600.00	EQUINE ORIGIN	276
	<u>NORMAL PLASMA</u>	
3601.00	EQUINE ORIGIN	310 318
	<u>NORMAL SERUM</u>	
3602.00	EQUINE ORIGIN	188

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BORDETELLA BRONCHISEPTICA VACCINE</u>	
4015.00	ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN, AVIRULENT LIVE CULTURE	124
	<u>BORDETELLA BRONCHISEPTICA VACCINE-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	
4004.01	AVIRULENT LIVE CULTURE	124
	<u>BOVINE RHINOTRACHEITIS-DIARRHEA-</u> <u>PARAINFLUENZA 3 VACCINE-HAEMOPHILUS</u> <u>SOMNUS-CAMPYLOBACTER FETUS-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4489.30	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS VACCINE-</u> <u>HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4009.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4019.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
4059.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4059.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>POMONA BACTERIN</u>				
4089.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 264	188	213	243A
4089.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52			
4089.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	189	243A	272
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN</u>				
4119.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>				
4135.00	KILLED VIRUS	124			
4139.20	MODIFIED LIVE VIRUS	124	225		
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>				
4181.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
4165.00	KILLED VIRUS	124			
4169.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	225		

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>HARDJO-ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	
4129.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-</u> <u>POMONA BACTERIN</u>	
4179.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4179.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4209.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213
4209.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 272
4209.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4239.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN</u>	
4265.00	KILLED VIRUS	112 124
4265.20	KILLED VIRUS	112
4269.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213 243A 264
4269.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE RHINOTRACHEITIS VACCINE-</u> <u>PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN</u>	
4299.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4241.30	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4319.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>HARDJO-ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	
4335.20	KILLED VIRUS	272
4339.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213
4339.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-</u> <u>POMONA BACTERIN</u>	
4359.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4359.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4385.20	KILLED VIRUS	272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
4389.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	188	213	243A
		264			
4389.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A			
4389.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272		
4389.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
4419.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-</u> <u>PARAINFLUENZA 3 VACCINE CAMPYLOBACTER</u> <u>FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>HARDJO-ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>				
4560.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-</u> <u>PARAINFLUENZA 3 VACCINE-HAEMOPHILUS</u> <u>SOMNUS BACTERIN</u>				
44H9.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272			
44H9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	225		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-</u> <u>PARAINFLUENZA 3 VACCINE-HAEMOPHILUS</u> <u>SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>HARDJO-ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>				
4491.30	MODIFIED LIVE VIRUS	124			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>			
4459.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	225	
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
4439.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213	243A
4439.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272	
4439.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	124	
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>			
4479.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188		
4479.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>			
4509.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213	264
4509.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272	
4509.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>			
4535.20	KILLED VIRUS	112		
4539.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213	243A	264
4539.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	264	272	

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE- LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4469.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 213
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4429.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<u>BOVINE ROTA-CORONAVIRUS VACCINE- ESCHERICHIA COLI BACTERIN</u>	
4589.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4599.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4599.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE- PASTEURELLA MULTOCIDA BACTERIN</u>	
4635.10	KILLED VIRUS, AVIAN ISOLATES TYPES 1, 3 & 4	240
	<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
4605.20	KILLED VIRUS	272
4608.20	MODIFIED LIVE & KILLED VIRUS	272

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE CORONA-PARVOVIRUS VACCINE- LEPTOSPIRA BACTERIN</u>	
4851.20	MODIFIED LIVE VIRUS	112C
	<u>CANINE CORONAVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
46E1.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
46A9.20	MODIFIED LIVE & KILLED VIRUS	272
49A9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	272
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE-LEPTOSPIRA BACTERIN</u>	
4629.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4629.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA-LEPTOSPIRA BACTERIN</u>	
4649.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>	
4659.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 189
4659.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-</u> <u>PARAINFLUENZA-PARVOVIRUS VACCINE-</u> <u>LEPTOSPIRA BACTERIN</u>	
4638.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
4638.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
4639.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112 112C 189
4639.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	195A
4639.31	MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A
4639.40	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 189
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-</u> <u>PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
4679.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
	<u>CANINE DISTEMPER-HEPATITIS VACCINE-</u> <u>LEPTOSPIRA BACTERIN</u>	
4681.20	MODIFIED LIVE VIRUS	272
4689.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112 243A
4689.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 112C 124 225 264 272
4689.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A 225
4689.40	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
	<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA</u> <u>VACCINE-BORDETELLA BRONCHISEPTICA</u> <u>BACTERIN</u>	
4789.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	264

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>					
4809.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A			
4809.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 264	112C 272	124	225
4809.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	225		
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>					
47P9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107	272		
47P9.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C	124	225	264
47P9.22	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	264		
47P9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A			
<u>CANINE PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN</u>					
47A1.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189			
<u>ENCEPHALOMYELITIS-INFLUENZA VACCINE- TETANUS TOXOID</u>					
4835.41	EASTERN, WESTERN, KILLED VIRUS	112			
4835.43	EASTERN, WESTERN, KILLED VIRUS	52			
4875.A0	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287			
<u>ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID</u>					
4865.00	EASTERN, WESTERN, KILLED VIRUS	52	107	112	188
4865.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287			
4865.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>EQUINE INFLUENZA VACCINE-TETANUS TOXOID</u>	
4895.10	KILLED VIRUS	112 287
4895.20	KILLED VIRUS	52
	<u>ERYSIPHELOTHRIX RHUSIOPATHIAE VACCINE- LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4909.00	AVIRULENT LIVE CULTURE, COMBINATION PACKAGE	112 124 165A 189
	<u>MINK DISTEMPER VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>	
4919.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	245
	<u>MINK DISTEMPER-ENTERITIS VACCINE- CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>	
4929.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A 245
4929.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	245
4959.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A
	<u>MINK DISTEMPER-ENTERITIS VACCINE- CLOSTRIDIUM BOTULINUM TYPE C PSEUDOMONAS AERUGINOSA BACTERIN-TOXOID</u>	
4949.30	MODIFIED LIVE & KILLED VIRUS	165A
	<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>	
4955.00	KILLED VIRUS	165A 245
4955.20	KILLED VIRUS	165A 245

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM</u> <u>BOTULINUM TYPE C PSEUDOMONAS AERUGINOSA</u> <u>BACTERIN-TOXOID</u>	
49A5.20	KILLED VIRUS	165A
	<u>PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA</u> <u>BACTERIN</u>	
4989.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
	<u>PARVOVIRUS VACCINE-ERYSIPELOTHRIX-</u> <u>RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA-PASTEURELLA MULTOCIDA BACTERIN</u>	
4915.20	KILLED VIRUS	264
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
4960.00	MODIFIED LIVE VIRUS	124 243A 264
4960.01	MODIFIED LIVE VIRUS	264
4965.20	KILLED VIRUS	107 189 195A 272
4965.21	KILLED VIRUS	195A
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA BACTERIN</u>	
4975.00	KILLED VIRUS	195A
4975.20	KILLED VIRUS	112 189 225 264 272
	<u>PARVOVIRUS-PSEUDORABIES VACCINE-</u> <u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4889.20	MODIFIED LIVE & KILLED VIRUS	264

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PORCINE ROTAVIRUS VACCINE- ESCHERICHIA COLI BACTERIN</u>	
49K1.20	MODIFIED LIVE VIRUS	281
	<u>PORCINE ROTAVIRUS- TRANSMISSIBLE GASTROENTERITIS VACCINE- ESCHERICHIA COLI BACTERIN</u>	
49P1.20	MODIFIED LIVE VIRUS	281
	<u>PSEUDORABIES VACCINE-BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
4991.20	MODIFIED LIVE VIRUS	264
	<u>PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE- POMONA BACTERIN</u>	
4999.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4999.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE- BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI- PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
49J9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE- CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID</u>	
49M9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
49M9.20	MODIFIED LIVE VIRUS	112

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>CLOSTRIDIUM PERFRINGENS TYPE C-</u> <u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	
49H9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>ESCHERICHIA COLI BACTERIN</u>	
4988.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALEUTIAN DISEASE COUNTERELECTROPHORESIS</u> <u>ANTIGEN</u>	
5005.00		245
	<u>AVIAN ENCEPHALOMYELITIS ANTIBODY TEST KIT</u>	
5006.00		313
	<u>AVIAN LEUKOSIS DIAGNOSTIC KIT</u>	
5007.00		291 313
	<u>AVIAN REOVIRUS ANTIBODY TEST KIT</u>	
5008.00		313
	<u>BOVINE LEUKEMIA ANTIBODY TEST KIT</u>	
5505.20		264
	<u>CANINE BRUCELLOSIS ANTIBODY TEST KIT</u>	
5021.00		264
	<u>CANINE DISTEMPER VIRUS ANTIBODY TEST KIT</u>	
5020.00		272A 299
	<u>CANINE HEARTWORM ANTIBODY TEST KIT</u>	
5023.00		264 295 299
	<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>	
5018.00		295 312

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE PARVOVIRUS ANTIBODY TEST KIT</u>	
5022.00		272A
	<u>CANINE PARVOVIRUS TEST KIT</u>	
5024.00		272A 297
	<u>CANINE RHEUMATOID FACTOR TEST KIT</u>	
5012.00		312
	<u>ECTROMELIA VIRUS ANTIBODY TEST KIT</u>	
5025.00		264 293
	<u>EQUINE INFECTIOUS ANEMIA ANTIBODY TEST KIT</u>	
5515.20		264 272A
5515.21		264
	<u>ESCHERICHIA COLI ANTIGEN TEST KIT</u>	
5032.00		284
	<u>FELINE INFECTIOUS PERITONITIS ANTIBODY TEST KIT</u>	
5029.00		272A 278 299
5029.01		299
	<u>FELINE LEUKEMIA VIRUS ANTIBODY TEST KIT</u>	
5026.00		299

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>FELINE LEUKEMIA VIRUS TEST KIT</u>	
5028.00		264 272A 299 312 317
	<u>INFECTIOUS BRONCHITIS VIRUS ANTIBODY TEST KIT</u>	
5030.00		278 313
	<u>INFECTIOUS BURSAL DISEASE ANTIBODY TEST KIT</u>	
5040.00		278 313
	<u>KILHAM RAT VIRUS & H-1 VIRUS ANTIBODY TEST KIT</u>	
5046.00		293
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOSA ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIGEN</u>	
5057.00		112

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>LYMPHOCYTIC CHORIOMENINGITIS VIRUS</u> <u>ANTIBODY TEST KIT</u>	
5062.00		293
	<u>MINUTE VIRUS OF MICE ANTIBODY TEST KIT</u>	
5060.00		293
	<u>MOUSE HEPATITIS VIRUS ANTIBODY TEST KIT</u>	
5061.00		293
	<u>MURINE ENCEPHALOMYELITIS VIRUS ANTIBODY</u> <u>TEST KIT</u>	
5063.00		293
	<u>MURINE MYCOPLASMA PULMONIS ANTIBODY</u> <u>TEST KIT</u>	
5065.01		293
	<u>MURINE VIRUS ANTIBODY SCREEN TEST KIT</u>	
5068.00		293
	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u>	
5071.00	S-6 SEROTYPE, PLATE	195

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MYCOPLASMA GALLISEPTICUM ANTIBODY TEST KIT</u>	
5070.00		278
	<u>MYCOPLASMA GALLISEPTICUM-SYNOVIAE ANTIBODY TEST KIT</u>	
5074.00		313
	<u>MYCOPLASMA MELEAGRIDIS ANTIGEN</u>	
5072.00	H SEROTYPE, PLATE	195
	<u>MYCOPLASMA PULMONIS ANTIBODY TEST KIT</u>	
5065.00		264 293 299
	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u>	
5073.00	S-SEROTYPE, PLATE	195
	<u>NEWCASTLE DISEASE ANTIBODY TEST KIT</u>	
5080.00		278 313
	<u>NEWCASTLE DISEASE VIRUS ANTIBODY TEST KIT</u>	
5080.01		313
	<u>PASTEURELLA MULTOCIDA ANTIBODY TEST KIT</u>	
5130.00	AVIAN ISOLATES	313
5130.01		313

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>PNEUMONIA VIRUS OF MICE ANTIBODY TEST KIT</u>					
5090.00		293	299		
5090.01		293	299		
<u>PSEUDORABIES VIRUS ANTIBODY TEST KIT</u>					
5110.00		264			
<u>PULLORUM ANTIGEN</u>					
5201.00	MICROTEST	196			
5206.00	STAINED ANTIGEN K POLYVALENT	195			
5207.00	STAINED ANTIGEN POLYVALENT	196			
5208.00	TUBE	196			
<u>RAT CORONAVIRUS SIALODACRYOADENITIS VIRUS ANTIBODY TEST KIT</u>					
5240.00		293			
<u>REOVIRUS TYPE 3 ANTIBODY TEST KIT</u>					
5260.00		293			
<u>SENDAI VIRUS ANTIBODY TEST KIT</u>					
5280.00		264	293	299	299A
5280.01		293	299	299A	
<u>TUBERCULIN</u>					
5301.00	MAMMALIAN, HUMAN ISOLATES, INTRADERMIC	107			
5302.00	PPD BOVIS, INTRADERMIC	107			

DIAGNOSTICS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

TOXOPLASMA GONDII ANTIBODY TEST KIT

5285.00

278 299

ANTITOXINS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT	112B
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00		188 243A
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D ANTITOXIN</u>	
6221.00		124 188 243A
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>TETANUS ANTITOXIN</u>	
6302.00		52 107 112 165A 188 243 243A

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
7001.00	<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM</u> <u>PERFRINGENS TYPE C-ESCHERICHIA COLI</u> <u>BACTERIN-TOXOID</u>	225
7050.00	<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM</u> <u>PERFRINGENS TYPE C-ESCHERICHIA COLI-</u> <u>PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	213
7010.00	<u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	165A 245
7070.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	107
7090.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-LEPTOSPIRA</u> <u>POMONA BACTERIN-TOXOID</u>	107
7140.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	107
7160.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C&D BACTERIN-TOXOID</u>	52 107

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C&D-LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	
7270.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-TETANI-PERFRINGENS</u> <u>TYPES C&D BACTERIN-TOXOID</u>	
7280.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI</u> <u>BACTERIN-TOXOID</u>	
7330.00		52 112A 124 188
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-</u> <u>SORDELLII BACTERIN-TOXOID</u>	
7390.00		52 112A 124 188 213 225 272
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-</u> <u>SORDELLII-HAEMOPHILUS SOMNUS</u> <u>BACTERIN-TOXOID</u>	
7400.00		124 225
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-</u> <u>SORDELLII-PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA BACTERIN-TOXOID</u>	
7448.00		52

BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	
7410.00		52 107 112A 124 225 272
7410.01		272
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&D-HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>	
7423.00		124 225
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&D-MORAXELLA BOVIS BACTERIN-TOXOID</u>	
7425.00		124
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII BACTERIN-TOXOID</u>	
7500.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	
7530.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	
7561.00		107

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM HAEMOLYTICUM-NOVYI</u> <u>BACTERIN-TOXOID</u>	
7590.00		107
	<u>CLOSTRIDIUM HAEMOLYTICUM-NOVYI-</u> <u>PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	
7620.00		107
	<u>CLOSTRIDIUM NOVYI BACTERIN-TOXOID</u>	
7680.00		188
	<u>CLOSTRIDIUM NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C&D BACTERIN-TOXOID</u>	
7750.00		124
	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u> <u>BACTERIN-TOXOID</u>	
7800.00		213
	<u>CLOSTRIDIUM PERFRINGENS TYPE C-</u> <u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7890.00		165A 213
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D</u> <u>BACTERIN-TOXOID</u>	
7870.00		52 112 112A 213 225 272

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u> <u>BACTERIN-TOXOID</u>	
7840.00		52 112A 213
	<u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7850.00		189
7900.R0		189
	<u>STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID</u>	
7960.00		107

TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM BOTULINUM TYPE B TOXOID</u>	
8010.00		308
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
8101.00		112 188
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D TOXOID</u>	
8201.00		107 112A 124 188
8201.01		112A 124
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D-TETANUS TOXOID</u>	
8304.00		124 188
	<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>	
8301.00		107 112 112A 124 188
	<u>CLOSTRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID</u>	
8305.00		112 188
	<u>TETANUS TOXOID</u>	
8601.00		52 107 112 165A 188 225 287 308

MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	52A 259 270 283 294
9521.01	HOUSE DUST	52A
9522.01	MIXED RAGWEED	259 283 294
9522.02	MIXED TREES	52A 259 270 283 294
9522.03	MIXED GRASSES	52A 259 270 283 294
9522.04	MIXED WEEDS	52A 259 270 283 294
9522.06	MIXED TREES	52A
9522.07	MIXED GRASSES	52A
9522.08	MIXED WEEDS	52A
9523.00	MIXED MOLDS	52A 259 270 283 294
9523.01	MIXED MOLDS	52A
9524.00	MIXED INHALANTS	259 283 294
9525.00	FLEA ANTIGEN	259 283 294
9527.00	MIXED EPIDERMALS	52A 259 270 283 294
9527.01	MIXED EPIDERMALS	52A
9528.00	MIXED INSECTS	259 294
9529.00	MIXED FOODS	294
9531.00	PRESCRIPTION PRODUCT	259 270 283 294
9532.00	INTRADERMAL TEST KIT	259 283
9533.00	TREATMENT SETS	259
9535.00	TEST & TREATMENT SET	52A

MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52 52A
	<u>MYCOBACTERIUM CELL WALL IMMUNOSTIMULANT</u>	
9300.00		289 300

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>AVIAN REOVIRUS INACTIVATED BULK FLUIDS</u>	
A045.00		286
A045.01		286
	<u>BRONCHITIS INACTIVATED BULK FLUIDS</u>	
A235.10	MASS TYPE, KILLED VIRUS	286
	<u>CANINE CORONAVIRUS VACCINE</u>	
A4P5.20		112 112C
	<u>PARVOVIRUS VACCINE</u>	
A8P5.00	KILLED VIRUS	195
	<u>RABIES VIRUS</u>	
A905.20	KILLED VIRUS	298
A905.51	KILLED VIRUS	112A
A905.55	KILLED VIRUS	112A
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>	
B671.00		112
	<u>MORAXELLA BOVIS</u>	
B772.00	KILLED CULTURE, STRAIN FLA 64	165C
B772.01	KILLED CULTURE, STRAINS EPP 63 & FLA 64	165A

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>AVIAN ENCEPHALOMYELITIS VIRUS</u>	
E055.10	KILLED VIRUS	240
	<u>AVIAN REOVIRUS</u>	
E041.00	LIVE VIRUS	240
	<u>AVIAN REOVIRUS VIRUS</u>	
E045.10	KILLED VIRUS	240
	<u>BRONCHITIS VIRUS</u>	
E231.11	MASS TYPE, LIVE VIRUS	240
E235.11	KILLED VIRUS	240
	<u>BURSAL DISEASE VIRUS</u>	
E271.10	LIVE VIRUS	240
E275.10	KILLED VIRUS	240
	<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>	
E018.00		295A
	<u>MYCOPLASMA PULMONIS ANTIGEN & ANTISERUM</u>	
E065.00		299A
	<u>NEWCASTLE DISEASE VIRUS</u>	
E711.10	B1 TYPE, B1 STRAIN, LIVE VIRUS	240

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>NEWCASTLE VIRUS</u>	
E721.10	B1 TYPE, LASOTA STRAIN, KILLED VIRUS	240
	<u>PNEUMONIA VIRUS OF MICE ANTIGEN & ANTISERUM</u>	
E090.00		299A
	<u>SENDAI VIRUS MOUSE ANTIGEN & ANTIBODY</u>	
E280.00		299A
	<u>SENDAI VIRUS RAT ANTIGEN & ANTIBODY</u>	
E280.01		299A
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVII-SORDELLII-PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	
G410.00		52
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
H101.00		112A

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